


		NTSB ID: DCA00MA026		Aircraft Registration Number: N8079U	
		Occurrence Date: 02/16/2000		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place RANCHO CORDOVA		State CA	Zip Code 95742	Local Time 1951	Time Zone PST
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 2		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Douglas		Model/Series DC-8-71F		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>The Board's full report is available at <a href="http://www.nts.gov/publicctn/publicctn.htm">http://www.nts.gov/publicctn/publicctn.htm</a>.</p> <p>On February 16, 2000, about 1951 Pacific standard time, Emery Worldwide Airlines, Inc., (Emery) flight 17, a McDonnell Douglas DC-8-71F (DC-8), N8079U, crashed in an automobile salvage yard shortly after takeoff, while attempting to return to Sacramento Mather Airport (MHR), Rancho Cordova, California, for an emergency landing. Emery flight 17 was operating under the provisions of 14 Code of Federal Regulations (CFR) Part 121 as a cargo flight from MHR to James M. Cox Dayton International Airport (DAY), Dayton, Ohio. The flight departed MHR about 1949, with two pilots and a flight engineer on board. The three flight crewmembers were killed, and the airplane was destroyed. Night visual meteorological conditions prevailed for the flight, which operated on an instrument flight rules (IFR) flight plan.</p>					
FACTUAL REPORT - AVIATION					

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<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
Sacramento Mather Airport	MHR	96 Ft. MSL	22L	11301	150
Runway Surface Type:					
Runway Surface Condition:					
Type Instrument Approach:					
VFR Approach/Landing:					
<b>Aircraft Information</b>					
Aircraft Manufacturer	Model/Series		Serial Number		
Douglas	DC-8-71F		45947		
Airworthiness Certificate(s): Transport					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats:	Certified Max Gross Wt.	328000 LBS	Number of Engines: 4	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Turbo Fan	CFM International	CFM56-2-C1	22000 LBS		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Continuous Airworthiness	02/2000	5 Hours	84447 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? No	ELT Operated? No	ELT Aided in Locating Accident Site? No			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner	Street Address				
EMERY WORLDWIDE AIRLINES INC	City	State	Zip Code		
	Vandalia	OH			
Operator of Aircraft	Street Address				
Same as Reg'd Aircraft Owner	Same as Reg'd Aircraft Owner				
	City	State	Zip Code		
		OH			
Operator Does Business As:			Operator Designator Code: RRXA		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): Flag Carrier/Domestic					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 121: Air Carrier					
Type of Flight Operation Conducted: Non-scheduled; Domestic; Cargo					
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<b>First Pilot Information</b>										
Name On File		City		State	Date of Birth On File					
					Age 43					
Sex: M	Seat Occupied: Left	Principal Profession: Civilian Pilot		Certificate Number: On File						
Certificate(s): Airline Transport										
Airplane Rating(s): Multi-engine Land; Single-engine Land										
Rotorcraft/Glider/LTA:										
Instrument Rating(s):										
Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine										
Type Rating/Endorsement for Accident/Incident Aircraft? Yes				Current Biennial Flight Review?						
Medical Cert.: Class 1		Medical Cert. Status: Valid Medical--w/ waivers/lim.		Date of Last Medical Exam: 02/2000						
<b>- Flight Time Matrix</b>	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual	Instrument Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time	13329	2128								
Pilot In Command(PIC)										
Instructor										
Last 90 Days	119									
Last 30 Days										
Last 24 Hours										
Seatbelt Used?		Shoulder Harness Used?		Toxicology Performed? Yes		Second Pilot? Yes				
<b>Flight Plan/Itinerary</b>										
Type of Flight Plan Filed: IFR										
Departure Point		State		Airport Identifier		Departure Time		Time Zone		
Same as Accident/Incident Location						1949				
Destination		State		Airport Identifier						
DAYTON		OH		DAY						
Type of Clearance: IFR										
Type of Airspace:										
<b>Weather Information</b>										
Source of Briefing:										
Method of Briefing:										

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<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
MHR	1950	PST	0 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Scattered			2000 Ft. AGL	Condition of Light: Night	
Lowest Ceiling: Broken			7000 Ft. AGL	Visibility: 10 SM	Altimeter: 30.01 "Hg
Temperature: 8 °C		Dew Point: 7 °C	Wind Direction: Variable		Density Altitude: Ft.
Wind Speed: Calm		Gusts:	Weather Conditions at Accident Site: Visual Conditions		
Visibility (RVR): 0 Ft.		Visibility (RVV) 0 SM	Intensity of Precipitation:		
Restrictions to Visibility:					
Type of Precipitation: None					

<b>Accident Information</b>					
Aircraft Damage: Destroyed		Aircraft Fire: Ground		Aircraft Explosion	
Classification: U.S. Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot	1				1
Second Pilot	1				1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer	1				1
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -	3				3
Other Ground	0	0	0		0
- GRAND TOTAL -	3	0	0		3

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Administrative Information		
Investigator-In-Charge (IIC) GREGORY A. FEITH		
Additional Persons Participating in This Accident/Incident Investigation:  JOSEPH MANNO AAI-100		
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